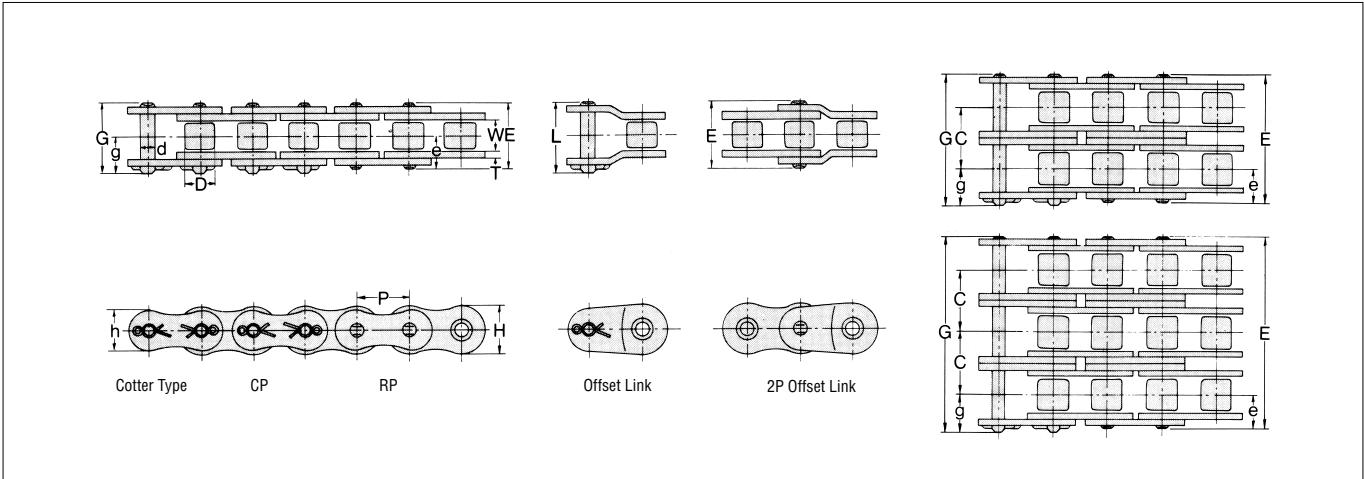


# RC240 Standard Roller Chain



## Dimensions

Unit (inch)

Chain No.	Pitch	Roller Link Width W	Roller Dia. D	Pin						Transverse Pitch C	Plate			JIS Min. Tensile Strength lbs	DID Min. Tensile Strength lbs	DID Avg. Tensile Strength lbs	DID Max. Allowable Load lbs	Approx. Weight (lbs/FT)	
				d	E	G	L	e	g		T	H	h						
<b>RC240</b>	240	3.000	1.875	1.875	0.937	3.748	4.051	4.150	1.878	2.177	3.457	0.374	2.815	2.441	112259	139700	154000	22220	15.62
<b>RC240-2</b>	240-2					7.209	7.512	7.610							224519	279400	308000	37774	30.85
<b>RC240-3</b>	240-3					10.665	10.969	11.067							336778	419100	462000	55550	46.07
<b>RC240-4</b>	240-4					14.122	14.425	14.524							449038	558800	616000	73326	61.22
<b>RC240-5</b>	240-5					17.579	17.882	17.980							561297	698500	770000	86658	76.44

## Max. Horsepower Ratings

Unit (hp)

Type of Lubrication No. of Teeth of Small Sprocket	Revolutions per minute-Small Sprocket (rpm) (Please refer to P.76 for more details regarding type of lubrication A, B and C.)																								
	5					10					15					20					25				
	A					B					C														
11	6.78	12.70	18.20	23.60	28.80	34.00	44.10	53.90	63.50	82.30	101	123	145	166	188	229	271	228	186	157	134	116	102	90.10	
12	7.45	13.90	20.00	26.00	31.80	37.40	48.40	59.20	69.70	90.30	110	135	160	182	206	252	298	260	213	178	153	132	116	59.50	
13	8.12	15.10	21.80	28.30	34.60	40.80	52.80	64.60	76.00	98.50	121	147	173	200	225	275	324	294	240	201	172	149	131	21.00	
14	8.81	16.50	23.70	30.70	37.50	44.10	57.20	70.00	82.40	107	130	160	188	216	244	298	351	327	268	225	192	166	146		
15	9.48	17.70	25.50	33.00	40.30	47.60	61.70	75.30	88.70	115	141	172	202	233	263	320	378	363	298	249	213	185	162		
16	10.20	19.00	27.30	35.40	43.30	51.10	66.10	80.80	95.20	123	150	185	217	249	282	343	405	399	327	275	235	204	174		
17	10.90	20.20	29.20	37.80	46.20	54.40	70.50	86.20	102	132	161	197	232	267	300	367	433	438	359	300	256	223	135		
18	11.50	21.60	31.10	40.20	49.20	57.90	75.10	91.70	108	141	172	209	247	283	319	390	460	477	391	327	280	243	97.30		
19	12.20	22.80	33.00	42.60	52.10	61.40	79.50	97.20	115	149	181	221	261	300	339	414	488	517	424	355	303	263	59.00		
20	12.90	24.10	34.90	45.00	55.10	64.90	84.00	103	121	157	192	235	276	318	358	437	516	559	457	383	327	284	20.50		
21	13.70	25.50	36.70	47.50	58.00	68.40	88.50	108	128	165	202	247	291	335	377	461	543	602	492	413	353	273			
22	14.30	26.80	38.60	50.00	61.00	72.00	93.20	114	134	174	213	260	306	351	397	485	571	645	528	442	378	236			
23	15.00	28.20	40.50	52.40	64.10	75.50	97.70	120	141	182	223	272	322	369	417	509	599	689	564	473	403	197			
24	15.80	29.40	42.40	54.80	67.00	79.10	102	125	147	192	233	286	336	386	436	532	627	721	602	504	430				
25	16.50	30.70	44.20	57.40	70.10	82.60	107	131	154	200	244	299	351	403	456	556	655	753	639	536	440				
28	18.60	34.70	50.00	64.70	79.20	93.30	121	147	174	225	276	338	397	457	515	629	741	851	757	635					
30	20.10	37.40	53.90	69.80	85.40	101	130	160	188	243	298	363	428	492	555	678	799	918	840						
32	21.40	40.10	57.80	74.80	91.60	108	139	170	201	261	319	390	458	527	595	727	857	984	920						
35	23.70	44.20	63.70	82.40	100	119	154	188	221	287	351	429	505	580	655	800	944	1084							
40	27.30	51.10	73.60	95.30	116	137	178	217	256	331	405	496	584	672	756	925	1090								
45	31.10	58.00	83.50	108	132	155	202	247	291	377	461	563	664	761	859	1051									
50	34.90	65.00	93.60	121	149	174	227	276	326	422	516	631	743	854	962	1177									
55	38.60	72.00	104	134	165	193	251	307	361	468	572	700	824	946	1067										
60	42.40	79.10	114	147	181	213	275	336	397	513	629	768	905	1040	1173										

Note: 1. Value in above table is for single strand chain only.  
For multiplex chain, please apply the coefficient of Multi-strand. Please refer to chain selection on P.64.  
2. Please consult with us when the ratings are to the right of the solid blue line.